

**System and Method for Self-Configuring and
Self-Optimizing Filters**

ABSTRACT

A system and method for self-configuring and self-
5 optimizing filters is presented. A computing device
monitors the number of occurrences of event types at
particular stages in a data stream and adjusts filter
properties in order to maximize processing efficiency based
upon the number of event types that the computing device
10 receives. The computing device may reconfigure, reorder,
or create an exception filter based upon the analysis of
the event types. The computing device may also pre-
configure filter stages using historical data based upon a
time of day, a time of month, or a time of year.